

**MILWAUKEE COUNTY AUTOMATED MAPPING
AND LAND INFORMATION SYSTEM**

Sixty-fifth Steering Committee Meeting

AGENDA

DATE: Tuesday, November 1st

TIME: 9:00 a.m.

PLACE: Milwaukee County City Campus
2711 W. Wells Street
Room 349
Milwaukee, Wisconsin

I. Roll Call

II. Meeting Minutes

Consideration of the minutes of the 64th Steering Committee meeting
held May 18, 2005.

III. Reports

- A. Report by MCAMLIS project staff on the status of street address and cadastral map maintenance.
- B. Report by MCAMLIS project staff on the status of the Cadastral Database Migration project.
- C. Report by SEWRPC staff on the status of MCAMLIS Topographic Mapping project.
- D. Report by SEWRPC staff on the status of SEWRPC Regional Water Study.
- E. Report by SEWRPC staff on the status of MCAMLIS Flood Land Mapping project.
- F. Report by WE Energies staff on the status of the Digger's Hotline prototype study (copy to be distributed at meeting).
- G. Report by Milwaukee County DAS staff on MCAMLIS Budget (copy to be distributed at meeting).

IV. Old Business

Consideration of a improvement plan by Milwaukee County Register of Deeds to utilize \$1 recording fees.

V. New Business

- A. Consideration of a 2006 agreement for MCAMLIS project management and map maintenance services between MCAMLIS and Milwaukee County DPPI.
- B. Consideration of a 2006 agreement for MCAMLIS fiscal oversight between MCAMLIS and Milwaukee County DAS (copy to be distributed at meeting).
- C. Consideration of a 2006 County Surveyor agreement between MCAMLIS and SEWRPC.
- D. Consideration of possible MCAMLIS funding for purchase of county-wide license of Pictometry's oblique aerial photography.
- E. Consideration of cost share proposal between MCAMLIS and United States Geological Survey (USGS) (copy to be distributed at meeting).
- F. Discussion of the procedure to be followed for distribution of the 2005 digital orthophotography acquired through the Topographic Mapping Project.
- G. Consideration of a proposal by City of Milwaukee for map maintenance services of MCAMLIS cadastral data holdings residing within the city limits.
- H. The appointment of a nominating committee to recommend a slate of officers to the Steering Committee at its next regular meeting

VII. Correspondence

VIII. Date, time, and place of next meeting

IX. Adjournment

MILWAUKEE COUNTY AUTOMATED MAPPING AND LAND INFORMATION SYSTEM

Sixty-fourth Steering Committee Meeting
Wednesday, May 18th - 9:00 a.m.
Franklin City Hall, Common Council Chambers

MINUTES

This meeting was recorded on tape. Committee files contain copies of communication, reports and resolutions, which may be reviewed upon request to the MCAMLIS Project Manager.

64th Meeting Tape No. 1: Side A: 01-End of Tape

64th Meeting Tape No. 1: Side B: 01-End of Tape

64th Meeting Tape No. 2: Side A: 01-End of Tape

64th Meeting Tape No. 2: Side B: 01-65

PRESENT: Chairman Bauer, Mr. La Fave, Mr. High, Ms. Van Dunk (Milwaukee County), Mr. Anderson (SBC), Mr. Bennett (ICC), Ms. Olson (City of Milwaukee), Mr. Nehmer (MMSD), Mr. Place (We Energies)

ABSENT: Mr. Coe (WE Energies)

SCHEDULED ITEMS:

Meeting Minutes

Consideration of the minutes of the 63rd Steering Committee meeting held December 14, 2003.

ACTION: Motion by Mr. Bennett to approve the minutes as submitted.

Motion was seconded by Mr. High. Vote 8-0

AYES: La Fave, High, Van Dunk, Anderson, Bennett, Olson, Nehmer, Place

NOES: None

Special Order of Business

Acknowledgement of Mr. Thomas D. Patterson's 14 Years Service as Project Manager of the MCAMLIS Program and as the Secretary of the MCAMLIS Steering Committee.

ACTION: Chairman Bauer presented Mr. Patterson with a plaque acknowledging his 14 years of outstanding service as MCAMLIS Project Manager.

Reports

- A. Report by MCAMLIS project staff on the status of street address and cadastral map maintenance.

ACTION: Consensus of the Committee to place the report on file.

- B. Report by SEWRPC staff on the status of City of Milwaukee Map Transformation Project.

Discussion: Chairman Bauer expressed his appreciation on behalf of the MCAMLIS Steering Committee for the hard work undertaken by Ms. Olson and the City of Milwaukee engineering staff in regards to this conversion project.

ACTION: Consensus of the Committee to place the report on file.

- C. Report by SEWRPC staff on the status of 2005 MCAMLIS Topographic Mapping project.

ACTION: Motion by Mr. La Fave to authorize SEWRPC staff to revise payment schedule to increase the frequency of invoices. Motion was seconded by Mr. High. Vote 8-0

AYES: La Fave, High, Van Dunk, Anderson, Bennett, Olson, Nehmer, Place

NOES: None

ADDITIONAL ACTION: Motion by Mr. Bennett to authorize MCAMLIS Staff to enter into negotiations between USGS and SEWRPC to obtain grants money in payment for the USGS use of MCAMLIS digital orthophotography. The motion is based on the condition that no additional MCAMLIS funds are to be expended. Motion was seconded by Mr. La Fave. Vote 8-0

AYES: La Fave, High, Van Dunk, Anderson, Bennett, Olson, Nehmer, Place

NOES: None

ADDITIONAL ACTION: Consensus of the Committee to place the report on file.

- D. Report by SEWRPC staff on the status of SEWRPC Regional Water Study.

ACTION: Consensus of the Committee to place the report on file.

- E. Report by SEWRPC staff on the status of MCAMLIS Flood Plan Mapping project.

ACTION: Consensus of the Committee to place the report on file.

- F. Report by SEWRPC staff on 2004 County Surveyor's activities.

ACTION: Consensus of the Committee to place the report on file.

- G. Report by WE Energies staff on the status of the Digger's Hotline prototype study (copy to be distributed at meeting).

ACTION: Consensus of the Committee to place the report on file.

- H. Report by Milwaukee County DAS staff on MCAMLIS Budget (copy to be distributed at meeting).

Discussion: Ms. Olson requested that the minutes reflect that in her interpretation of the State Statue governing the use of the \$1 recording fee, it does not specifically state that the money must only be used by the County Register of Deeds Office.

ACTION: Consensus of the Committee to place the report on file.

- I. Milwaukee County Corporation Counsel's report to the Committee on Judiciary, Safety and General Services on a review of the MCAMLIS Cooperative Agreement (**INFORMATIONAL ONLY**).

ACTION: Consensus of the Committee to place the report on file.

Old Business

Consideration of a proposal for the Migration of MCAMLIS Cadastral data into geodatabase environment.

ACTION: Motion by Mr. High to approve the proposal. Motion was seconded by Mr. La Fave. Vote 8-0

AYES: La Fave, High, Van Dunk, Anderson, Bennett, Olson, Nehmer, Place

NOES: None

New Business

- F. Consideration of proposals by Milwaukee County Register of Deeds to utilize \$1 recording fees for imaging/indexing and disaster recovery projects.

ACTION: Motion by Mr. La Fave authorizing the Register of Deeds Office to spend up to \$50,000 for a A-Card scanning project. Motion was seconded by Mr. High. Vote 7-1

AYES: La Fave, High, Van Dunk, Anderson, Bennett, Nehmer, Place

NOES: Olson

ADDITIONAL ACTION: Motion by Mr. La Fave authorizing the Register of Deeds Office to spend up to \$175,000 to purchase Fidler Disaster Recovery service for a period of 5 years, with a cost not to exceed \$60,000 for fiscal year 2005. Motion was seconded by Mr. High. Roll Call Vote 5-3

AYES: La Fave, High, Van Dunk, Anderson, Bennett

NOES: Olson, Nehmer, Place

ADDITIONAL ACTION: Consensus of the Committee to place the ROD project status report on file.

- G. Consideration of a modified License Agreement between MCAMLIS and United States Census Bureau.

ACTION: Motion by Mr. Bennett to authorize MCAMLIS Staff to enter into a modified License Agreement with US Census Bureau for use of MCAMLIS Street Address Data. Motion was seconded by Ms. Olson. Vote 8-0

AYES: La Fave, High, Van Dunk, Anderson, Bennett, Olson, Nehmer, Place

NOES: None

- H. Consideration of the elimination of the MCAMLIS License Agreement.

ACTION: Consensus of the Committee to allow MCAMLIS Staff and County Corporation Counsel to continue discuss with SBC the issue of the copyright agreement.

- I. Request for a proposed Register of Deeds improvement plan utilizing the \$1 recording fee.

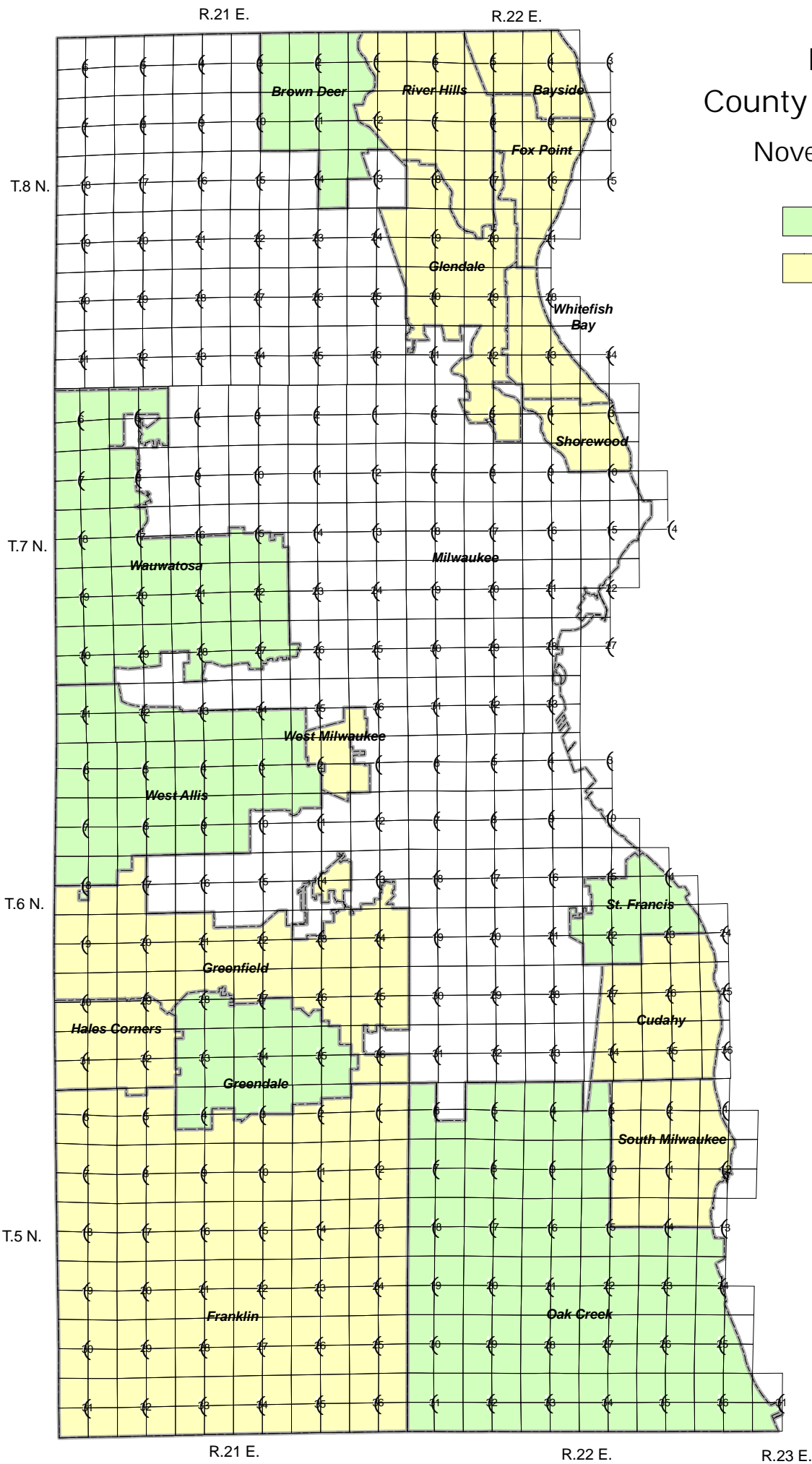
ACTION: Consensus of the Committee to have MCAMLIS staff work with Register of Deeds on improvement plan and report back at next meeting.

Date, time, and place of next meeting

ACTION: Consensus of the Committee that the next meeting should be scheduled at the call of the Chairman.



Adjournment

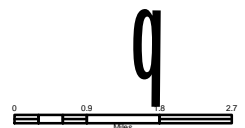
ACTION: Motion by Mr. La Fave to adjourn. Motion was seconded by Mr. High.



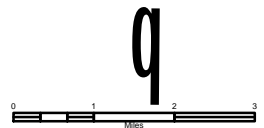
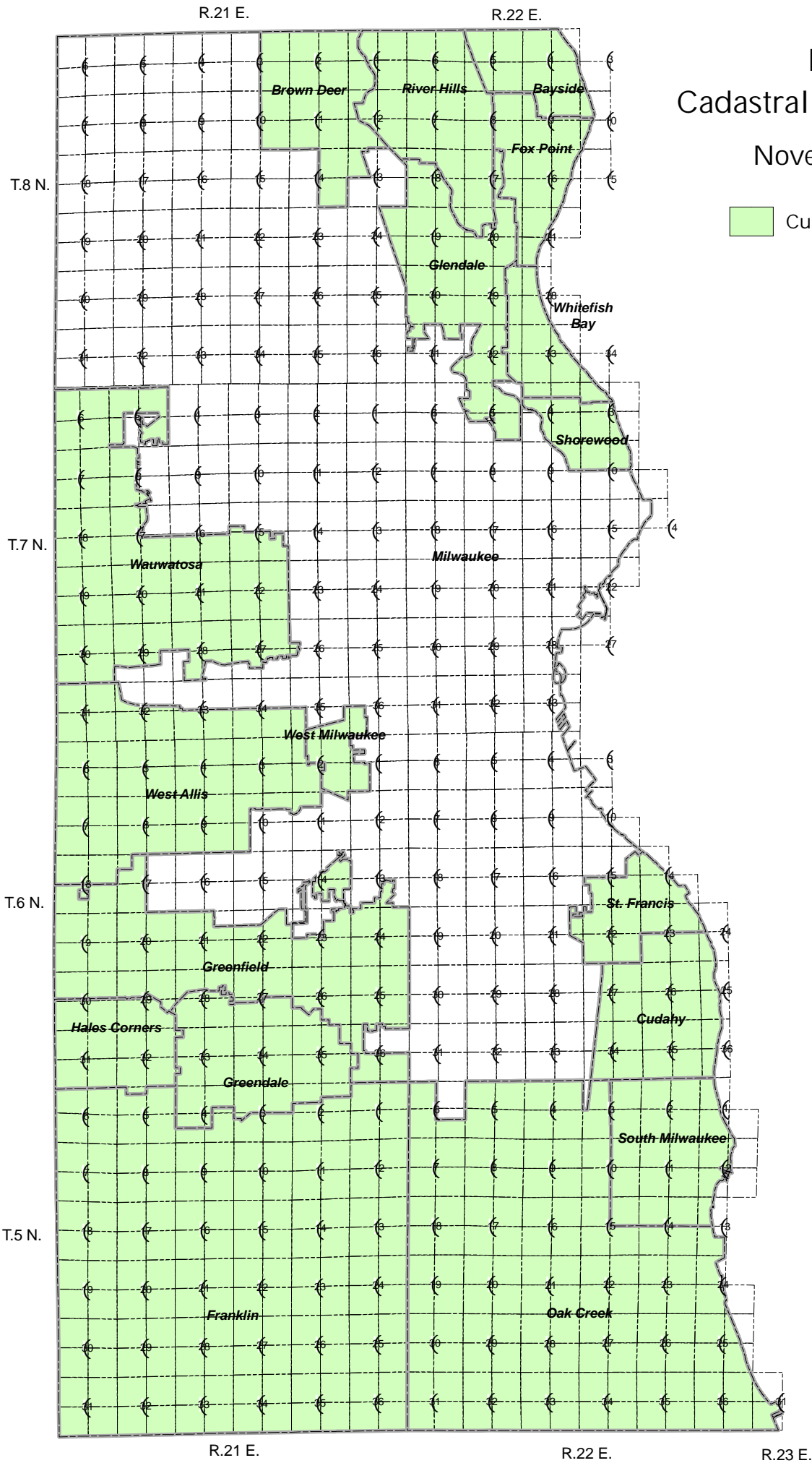
MCAMLIS County Address Database

November 2005 Status

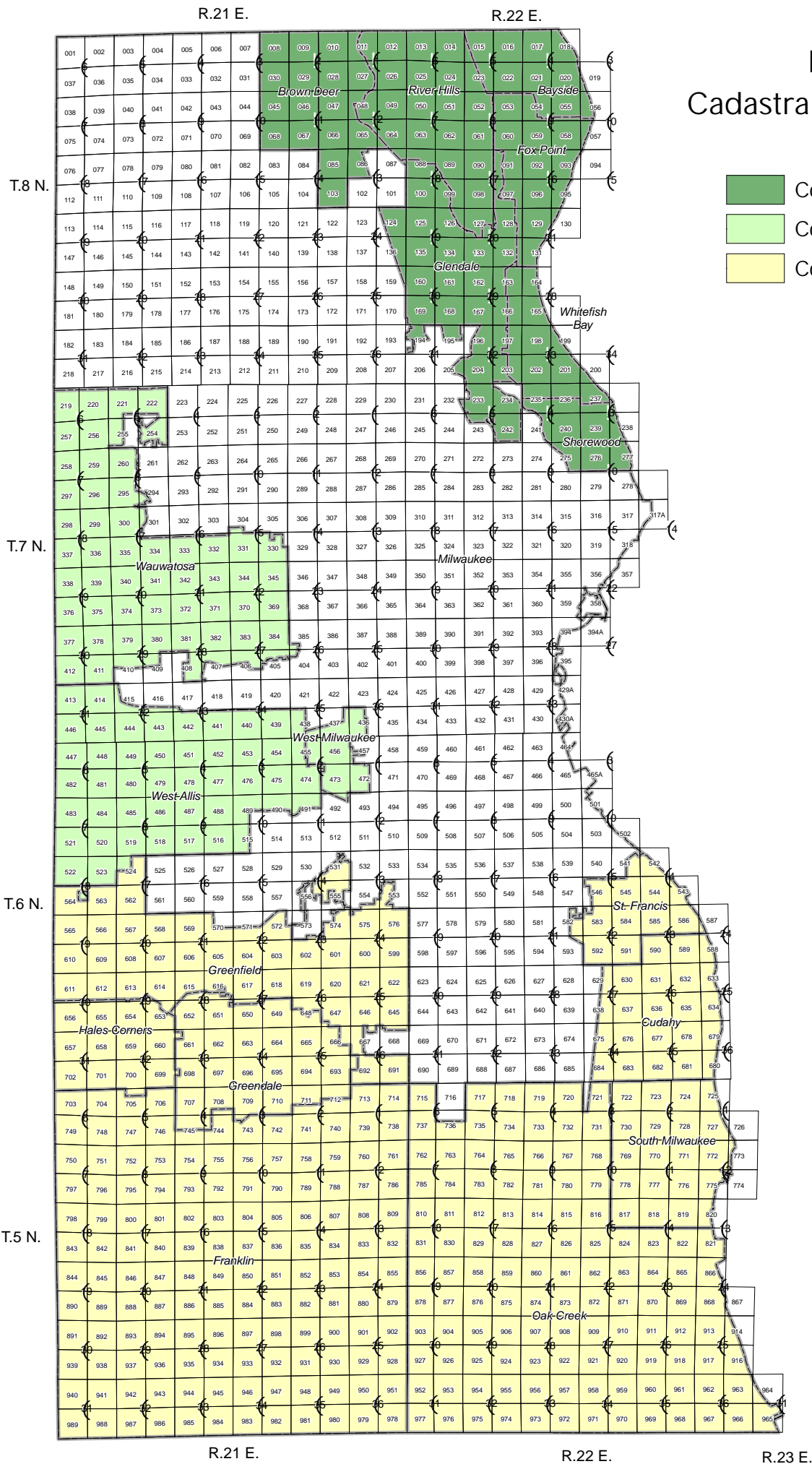
-  October 1, 2005
-  January 1, 2005



Source: MCAMLIS Project Manager



Source: MCAMLIS Project Manager



MCAMLIS

Cadastral Conversion Status

- Conversion Complete
- Conversion 80% Complete
- Conversion 60% Complete

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MEMORANDUM

TO: MCAMLIS Steering Committee

FROM: SEWRPC Staff

DATE: October 17, 2005

SUBJECT: STATUS OF MCAMLIS 2005-2006 TOPOGRAPHIC MAPPING PROJECT

The Agreement between the MCAMLIS Steering Committee and the SEWRPC governing this project was executed on December 22, 2004, and work on this project has been underway since January, 2005.

Aerial photography acquired in 2004 for Township 8 North, Ranges 21 East and 22 East, was processed during the first calendar quarter of 2005. All aerial photography required for the balance of Milwaukee County was obtained prior to April 15, 2005, and the processing of this aerial photography has also been completed.

The orthophotography portion of this project is currently about 60 percent complete and the orthophotography is expected to be available for distribution on a work flow basis shortly after January 1, 2006.

The digital topographic mapping portion of this project is also underway. The mapping for Township 8 North, Ranges 21 East and 22 East, is currently about 60 percent complete and is expected to be available on a work flow basis beginning about April 1, 2006. The digital topographic mapping for Township 7 North, Ranges 21 East and 22 East, is expected to be available on a work flow basis beginning about July 1, 2006. The digital topographic mapping for the remaining portions of the County (Township 5 North, Ranges 21 East, 22 East and 23 East; and Township 6 North, Ranges 21 East and 22 East; is scheduled to begin compilation during early 2006 and is expected to be available on a work flow basis beginning about January 1, 2007. The Agreement between MCAMLIS Steering Committee and the SEWRPC calls for this portion of the work to be completed by June 30, 2007.

* * * * *

TDP/lgh

10/17/05

#112799 V1 - Status Of MCAMLIS Mapping Project

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MEMORANDUM

TO: MCAMLIS Steering Committee

FROM: SEWRPC Staff

DATE: October 18, 2005

SUBJECT: STATUS REPORT NO. 2 ON REGIONAL WATER SUPPLY PLAN

This memorandum sets forth the progress made on the Regional Water Supply Planning Program from May 1, 2005 through September 30, 2005. The preparation of the regional water supply plan represents the third, and final, element of the SEWRPC regional water supply management program. The first two elements, comprising the development of basic groundwater inventories and the development of a groundwater simulation model for the Southeastern Wisconsin Region, were completed over the past several years. These first two elements involved interagency partnership programs with the U.S. Geological Survey, the Wisconsin Geological and Natural History Survey, the University of Wisconsin-Milwaukee, the Wisconsin Department of Natural Resources, and many of the water supply utilities serving the Region. The third, and final, step in the planning program, the preparation of the water supply plan, was initiated January of this year.

Progress on the water supply plan has been focused on the study organization, initiation of basic study area inventories, and initial report preparation. On a separate parallel track, work has been largely completed on the new regional land use plan for 2035 which will serve as a basis for the development of the regional water supply plan. The 2035 land use plan, which is separately funded, is nearing completion, with the final chapter dealing with plan implementation being reviewed by that plan's advisory committee in October of this year.

Progress on the water supply plan is summarized in the attached Exhibit 1 and in the following paragraphs.

STUDY ORGANIZATION

A detailed study design for the water supply plan preparation was completed. The work elements were described and a method for staffing each element was defined. It is planned to utilize a cooperative staffing arrangement involving the Southeastern Wisconsin Regional Planning Commission (SEWRPC) staff, consulting engineering and legal firms, and the groundwater technical staff of the Wisconsin Geological and Natural History Survey (WGNHS), the U.S. Geological Survey (USGS), and the University of Wisconsin-Milwaukee. The details of the scope of work and an agreement with the groundwater technical staffs for carrying out the work were finalized. Also, following a qualifications-

based selection process, the Commission contracted with the firm Ruekert & Mielke, Inc., who will be responsible for conducting selected engineering technical elements of the planning program.

ADVISORY COMMITTEE

The Regional Water Supply Planning Advisory Committee met September 21, 2005, to review the plan study design, the planning report outline, the water supply facility inventory procedures, and the initial two report chapters. All of these materials were revised to reflect Committee comments.

BASIC STUDY AREA INVENTORIES

Work was completed on collating the basic study area information needed for the plan preparation. Those data include demographic and economic, land use, and natural resource information. Work was initiated on the inventory of water supply utility facilities, water use, fee structure, and related information. Work was also initiated by the plan engineering consultant on the inventories needed to document the state-of-the-art of water supply management.

PLAN OBJECTIVES AND STANDARDS

Work was initiated on the development of planning objectives and standards.

PLAN REPORT PREPARATION

The report outline; Chapter I, "Introduction and Background;" and Chapter II, "Description of the Study Area," of SEWRPC Planning Report No. 52, *A Regional Water Supply Plan for Southeastern Wisconsin*, were prepared, reviewed by the Regional Water Supply Planning Advisory Committee, and revised to address the Committee review comments.

OTHER ACTIVITIES

The Commission water supply planning web site has been maintained. It is anticipated that Advisory Committee meeting minutes and report chapters will be placed on that site when finalized. The site also includes related presentations, reports, and other pertinent information.

* * *

Exhibit 1

STATUS OF REGIONAL WATER SUPPLY PLAN: SEPTEMBER 30, 2005

Work Element	Percent Complete				
	20	40	60	80	100
Study Design and Organization	<div><div></div></div>				
Formulation of Objectives and Standards	<div><div></div></div>				
Basic Study Area Inventories	<div><div></div></div>				
Groundwater Resources Data Inventories	<div><div></div></div>				
Water Supply System Inventories	<div><div></div></div>				
Water Law Inventory	<div><div></div></div>				
State-of-the-Art Water Supply Management Inventory and Analysis	<div><div></div></div>				
Analyses and Forecasts	<div><div></div></div>				
Preparation, Test, and Evaluation of Alternative Plans	<div><div></div></div>				
Plan Selection	<div><div></div></div>				
Plan Implementation	<div><div></div></div>				
Publication of Report	<div><div></div></div>				
Public Involvement	<div><div></div></div>				

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MEMORANDUM

TO: MCAMLIS Steering Committee

FROM: SEWRPC Staff

DATE: October 18, 2005

**SUBJECT: STATUS REPORT NO. 12 ON PHASE I OF THE MILWAUKEE COUNTY
FLOODLAND MAPPING PROJECT**

This memorandum sets forth the progress made on Phase I of the Milwaukee County Floodland Mapping project from May 1, 2005, through September 30, 2005. That project phase includes all streams that are to be studied in the County, with the exception of those in the Root River watershed. This status report addresses project progress in the following three major areas:

- Data Acquisition
- Hydrologic and Hydraulic Modeling
- Floodland Map Preparation

Overall, the Phase I portion of the project is about 85 percent complete. Progress is summarized in the attached Exhibit 1 and is graphically summarized on the map attached hereto as Exhibit 2.

DATA ACQUISITION

During the period of May 1, 2005 through September 30, 2005, the following data acquisition activities were carried out:

- As indicated by Exhibit 1, data acquisition activities are substantially completed. When additional data needs are addressed as work proceeds, the acquisition of the data is coordinated with the Milwaukee Metropolitan Sewerage District (MMSD), the Wisconsin Department of Natural Resources (WDNR), the Wisconsin Department of Transportation (WisDOT), and the pertinent communities.
- Received Danish Hydraulic Institute MOUSE hydraulic model output files for the S. 43rd Street Ditch from Montgomery Watson Harza, an engineering consultant to MMSD.
- Received the final U.S. Army Corps of Engineers HEC-RAS hydraulic models for two proposed Honey Creek Parkway replacement bridges over Honey Creek from Ayres Associates, the project designer.

- Received a Canal Street flood management plan report from HNTB, the consultant doing the hydraulic design related to the proposed W. Canal Street crossing of the Menomonee River and associated facilities.

HYDROLOGIC AND HYDRAULIC MODELING

During the reporting period, progress on hydrologic and hydraulic modeling for Phase I of the project included the following:

Kinnickinnic River Watershed

- Completed work on hydraulic models for the Kinnickinnic River, Lyons Park Creek, Wilson Park Creek/Edgerton Channel, Villa Mann Creek, and the Villa Mann Creek Tributary. Models are ready to run flood profiles when the hydrologic models are complete and flood flows are computed.

Menomonee River Watershed

- Completed work on the hydraulic model of the Little Menomonee River, incorporating the stream relocation completed from W. Brown Deer Road to W. Leon Terrace under a U.S. Environmental Protection Agency (USEPA) Superfund project. Model is ready to run flood profiles when the hydrologic model is complete and flood flows are computed.

Milwaukee River Watershed

- Work continued on the hydrologic and hydraulic modeling of Brown Deer Park.

FLOODLAND MAP PREPARATION

- There was no floodland map preparation work during the status report time period.

* * *

Exhibit 1

STATUS OF MCAMLIS PHASE I MILWAUKEE COUNTY FLOODLAND MAPPING PROJECT: SEPTEMBER 30, 2005

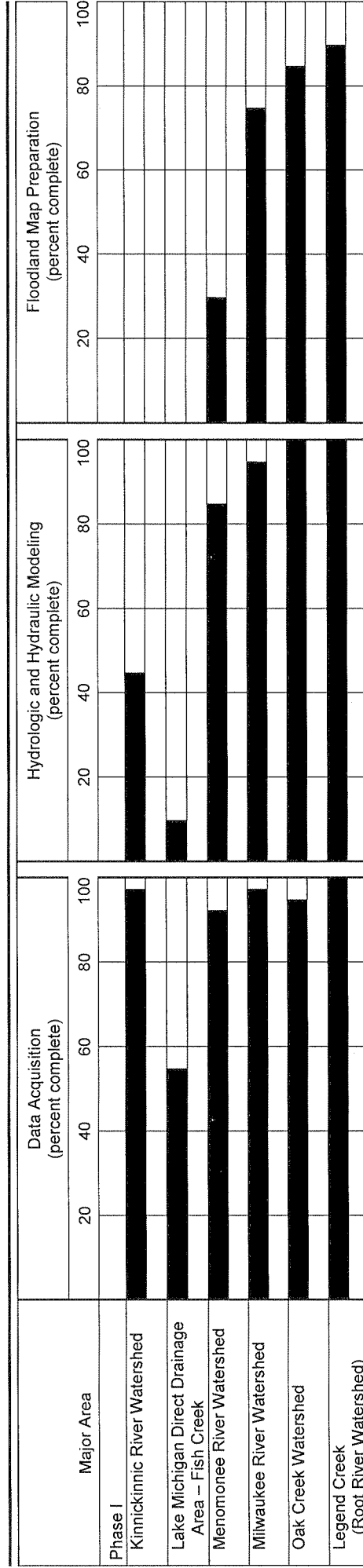
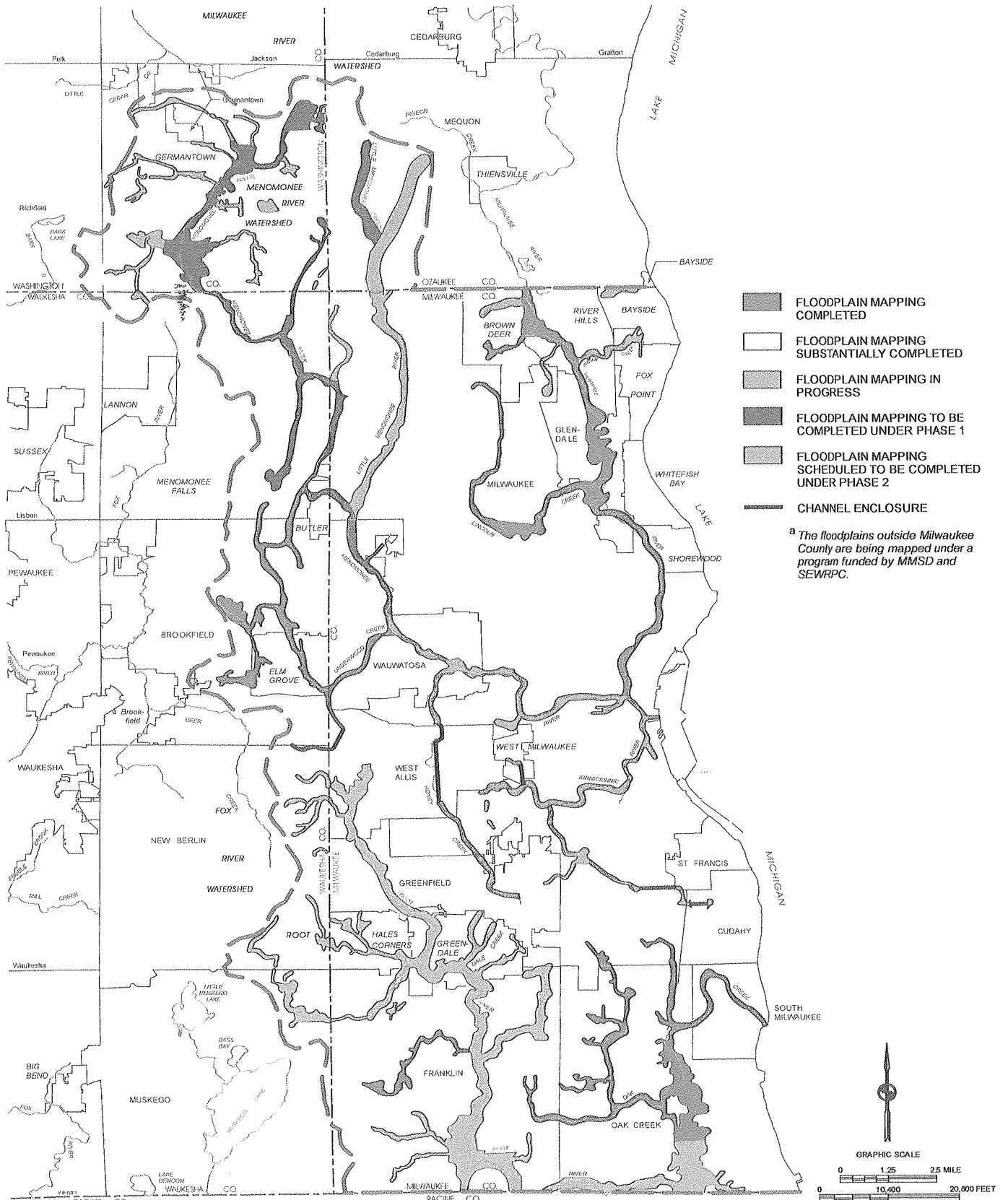


Exhibit 2

STATUS OF FLOODPLAIN MAPPING IN MILWAUKEE COUNTY AND IN MENOMONEE AND ROOT RIVER WATERSHEDS OUTSIDE MILWAUKEE COUNTY^a SEPTEMBER 30, 2005



Source: SEWRPC.

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MEMORANDUM

TO: MCAMLIS Steering Committee

FROM: SEWRPC Staff

DATE: October 18, 2005

**SUBJECT: STATUS REPORT NO. 4 ON PHASE II OF THE MILWAUKEE COUNTY
FLOODLAND MAPPING PROJECT**

This memorandum sets forth the progress made on Phase II of the Milwaukee County Floodland Mapping project from May 1, 2005, through September 30, 2005. That project phase includes the streams that are to be studied in the County in the Root River watershed except for Legend Creek, which was studied under Phase I. In general, status reports will address project progress in the following three major areas and they will also identify major issues that have arisen.

- Data Acquisition
- Hydrologic and Hydraulic Modeling
- Floodland Map Preparation

The modeling and map preparation stages of the project have not yet begun. Overall, the Phase II portion of the project is about 5 percent complete. Progress is summarized in the attached Exhibits 1 and 2. During the reporting period there was no work done on data acquisition, hydrologic and hydraulic modeling, or floodland map preparation.

* * *

#112881 V1 - MCAMLIS PH II MILW CTY FLPL STATUS RPT 4
PCE/MGH/pk

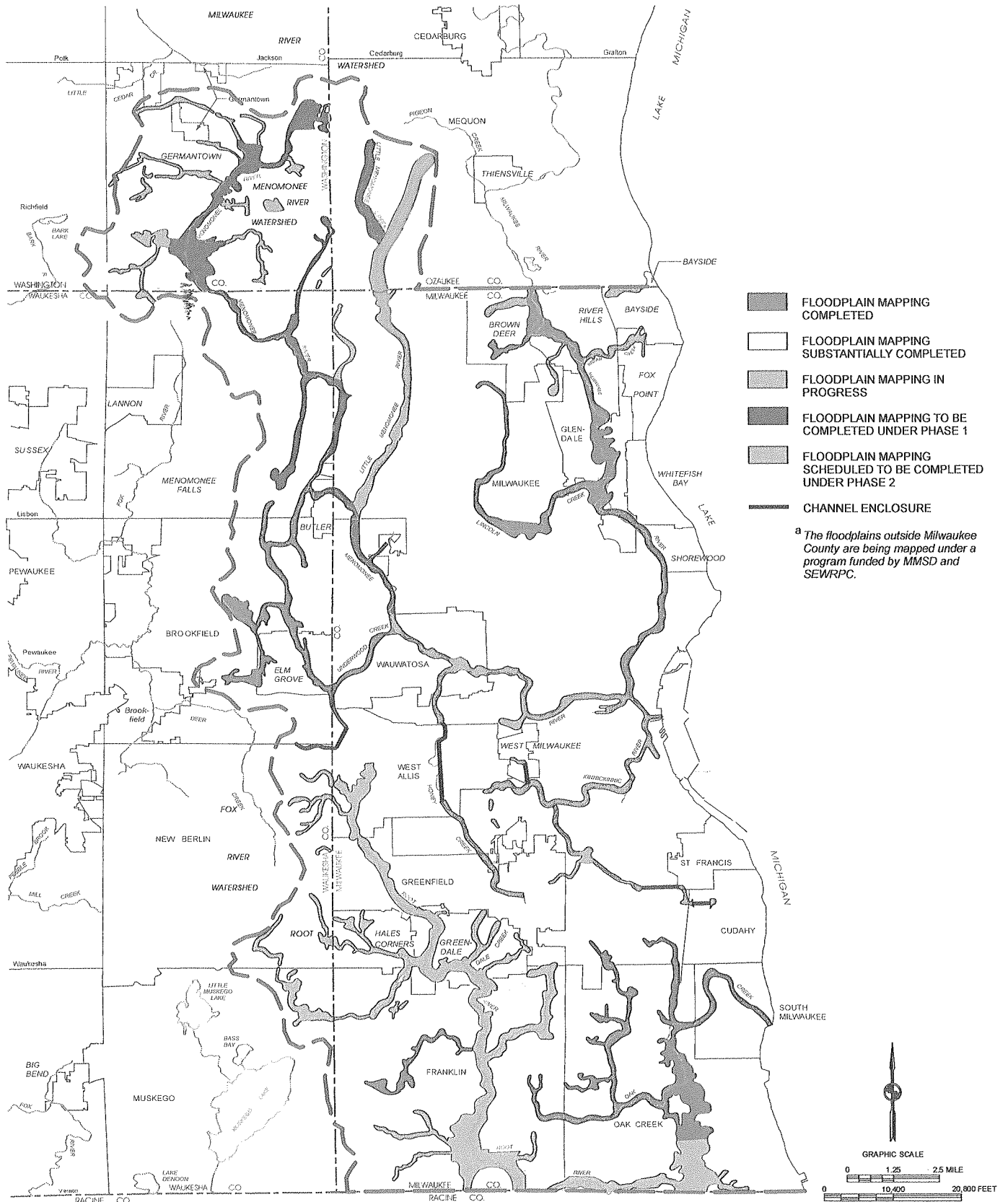
Exhibit 1

STATUS OF MCAMLIS PHASE II MILWAUKEE COUNTY FLOODLAND MAPPING PROJECT: SEPTEMBER 30, 2005

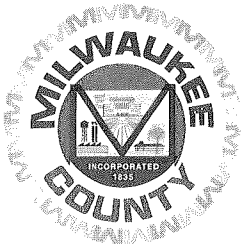
Major Area	Data Acquisition (percent complete)					Hydrologic and Hydraulic Modeling (percent complete)					Floodland Map Preparation (percent complete)				
	20	40	60	80	100	20	40	60	80	100	20	40	60	80	100
Phase II															
Lake Michigan Coastal Flooded Areas						NA	NA	NA	NA	NA					
Root River Watershed															

Exhibit 2

STATUS OF FLOODPLAIN MAPPING IN MILWAUKEE COUNTY AND IN MENOMONEE AND ROOT RIVER WATERSHEDS OUTSIDE MILWAUKEE COUNTY^a SEPTEMBER 30, 2005



Source: SEWRPC.



REGISTER OF DEEDS

Milwaukee County

JOHN LA FAVE • Register of Deeds

10-20-05

To: MCAMLIS Steering Committee
From: John La Fave, Register of Deeds

Re: Utilizing the \$1 retained fee

At the May 2005 meeting of MCAMLIS, John La Fave and Kevin White were asked to develop a long-range plan for utilizing the \$1 fee. I believe that a long-range plan already exists for the utilization of the \$1 retained fee. That plan is described by Goal #13 adopted by MCAMLIS on July 15, 2003.

On July 15, 2003 the MCAMLIS Steering Committee amended its Land Records Modernization Plan by adding Goal #13:

Identify, initiate and complete projects that will utilize the \$1.00 of each \$5.00 of the fees retained locally to develop and maintain a computerized indexing of the County land information records related to housing in a manner that would allow for greater public access.

On July 20, 2004 the MCAMLIS Steering Committee expanded the above goal by adding the following:

More specifically the \$1 fee will be segregated and designated as a "technology fund" for ongoing modernization efforts and technology improvements to the Milwaukee County Register of Deeds Office. The chosen projects will be expected to provide faster access to, and improved delivery of, data, images, and services both within the Office and to the public over electronic communication media such as the Internet.

(Note: The budget bill signed on July 24, 2005 changes the state statutes to read:
The county uses... \$1 of each \$5 fee retained under this paragraph for the provision of land information on the Internet, including the county's land information relating to housing.)

Register of Deeds has used the \$1 fee funds to purchase much needed software and hardware and to enable valuable projects in accordance with the committee's goals as discussed above. The Register of Deeds continues to identify projects that will streamline the department's workflow and offer greater customer service both within the office and on the Internet.

Page two of this memo is a summary of how the \$1 fee has improved the operation of the Register of Deeds thus far. Page three is a summary of requests for additional funding for new projects.

Utilization of the \$1 retained fee *to date*

The Register of Deeds (ROD) department has used funds from the \$ 1 retained fee to replace old equipment thus increasing efficiency. This has helped the Milwaukee County ROD to begin to catch up with other counties in modernization. Milwaukee County budget deficits have caused inadequate funding for the ROD for several years. Funding from the \$1 fee has ended a dire situation and allowed the ROD to forge ahead to provide much faster and better service to the public.

The \$1 fee has:

- Purchased a Large Format Scanner. This allowed subdivision plats and condominium plats to be digitized and made available on the Internet.
- Helped fund the purchase of an upgraded software program. As a result:
 - Recording, indexing and mail backlogs have been reduced.
 - Data entry is now paperless.
 - Indexing of data is accomplished faster.
 - Documents are returned to the submitter faster.
 - The public can view real estate data and images on the Internet for a fee. Municipal assessors can view real estate documents on the Internet free of charge.
- Purchased servers to enable the Internet access program, electronic recording and improvements to the File Transfer Protocol (FTP) site. ROD puts file of images onto the FTP site where customers can then download them via the Internet. This replaced the production of CDs.
- Enabled Milwaukee County to be one of the first twenty-five counties in the nation to initiate the *electronic* recording of documents. Milwaukee County now leads other Wisconsin counties with 6% of documents recorded electronically. The moment E-Docs are recorded they are immediately available for viewing on the Internet. Recorded documents are returned instantly to the submitter.
- Purchased new computers and monitors. These were also needed to enable the new software program.
- Enabled the wiring of additional data-ports in the office.
- Purchased two SNAP servers to replace the old out-dated jukebox system of optical platters. The SNAP servers deliver images faster and have much more space available for adding images.
- Purchased five years worth of digital images from Chicago Title company. The public will soon have Internet access to ROD images starting from 1995 rather than the current 2000.
- Funded a project to scan parcel information cards in the tax listing section that have no archival backup. After digital images of the cards have been added to the ROD computer system, this information will be available on the Internet.

New and continued initiatives utilizing the \$1.00 retained fee

Disaster Recovery Service - \$175,000 Authorized by MCAMLIS (May 2005).

The ROD has put this project on hold. Milwaukee County IMSD may develop a comprehensive program that would cover all departments. ROD would likely be asked to contribute funds toward a countywide disaster recovery project. *The committee may want to remove this approval and revisit it in the future.*

Conversion of microfiche images to digital format: \$200,000 Authorized by MCAMLIS (Nov 2003). \$107,021.66 was paid to Chicago Title/Property Insight to purchase digitized images from 1995 –1999. **ROD requests an increase for this authorization to \$400,000.** That would leave **\$292,978.34 available** for the conversion of microfiche images for the seven-year period 1988-1994 (approximately 2.7 million images).

Improvements to computerized system - \$240,000 Authorized by MCAMLIS (April 2003). ROD is approaching the limit on this authorization.

ROD requests a new authorization of \$200,000 for Improvements to computerized system. Projects to be funded include:

- ***Automating the File Transfer Protocol (FTP) site.*** ROD staff will no longer have to update the FTP site on a daily basis. Customers will be able to request any images via the site at any time.
- ***Connection of four separate stand-alone databases to Milwaukee County ROD's web page,*** thus making this data available on the Internet. The databases are: Tax Lien, Mortgage Release, Corporation Index and Subdivision Name Index.
- ***Purchase of additional computers and monitors to create additional terminals available for the public*** to search real estate records in ROD, Room G-6. Currently there are 12 public terminals. Upon completion of the MCAMLIS funded project to scan parcel information cards more space will become available for terminals. The parcel cards will be stored offsite and the cabinets that housed them will be removed.
- ***Wiring of additional data-ports*** will be needed for the additional terminals.
- ***Purchase of a Book Scanner*** for producing images of pages from old books for which there is no backup. There are about 70 Number Index books that were mostly handwritten. Some are very old and falling apart. There are about 100 Deed Volumes that have not been filmed from the 1940's to 1962, with 640 pages per book. It is important that these deeds be imaged, both as a backup and for public access.
- ***Eliminating the Verification backlog:*** An important element for assuring quality real estate data and the ability to successfully search land records of the Register of Deeds is to verify the indexed data and correct any errors that are found. In May 2004 the Register of Deeds was forced to suspend verification of data (for the first time in its history) due to unfilled positions. As a result the index is second rate. The backlog of data that needs verification is now at 15 months, approximately 300,000 documents. Although verification resumed in April 2005, it would take years for ROD employees to eliminate the backlog even working overtime. ***ROD proposes to eliminate the backlog by using the services of an outside company that would assist with the verification process.***

Funding a new position located in ROD – high end cost would be \$115,299.07 annually

Position: Network Applications Specialist 3

Pay Range 24D

The total annual cost for this position – salary, fringe benefits and Social Security will range from a low of \$91,158.23 to a high of \$115,299.07.

Work activities would include but not be limited to:

- Work towards making ROD data and images available to the public on Milwaukee County's web site
- Work with MCAMLIS to make available MCAMLIS map products on Milwaukee County's web site
- Serve as the primary IMSD (Information Management Services Division) contact for Register of Deeds employees. ROD employees would go to the ROD/IMSD Specialist with their software/hardware questions, problem and issues. The Specialist would also assist the department head with purchases and projects of an I.T. nature.

The total cost of the Network Applications Specialist 3 position depends on the level at which the position is filled. The choices are listed below.

Pay Range	step	union	Hourly	Bi-weekly	Annual	Fringe Benefits	Social Security	Total
24D	1	DC	24.2964	1,943.71	50,730.83	36,546.49	3,880.91	91,158.23
24D	2	DC	24.9035	1,992.28	51,998.51	37,459.73	3,977.89	93,436.12
24D	3	DC	25.6507	2,052.06	53,558.77	38,583.74	4,097.25	96,239.75
24D	4	DC	26.5491	2,123.93	55,434.57	39,935.07	4,240.74	99,610.38
24D	5	DC	27.6110	2,208.88	57,651.77	41,532.33	4,410.36	103,594.46
24D	6	DC	28.9912	2,319.30	60,533.73	43,608.50	4,630.83	108,773.06
24D	7	DC	30.7306	2,458.45	64,165.55	46,224.86	4,908.66	115,299.07

Fringe Benefit rate is 72.04

Social Security is 7.65

AGREEMENT

THIS AGREEMENT, entered into this _____ day of _____, 2005, by and between the Milwaukee County Department of Parks and Public Infrastructure (hereinafter referred to as the "County"; and the Milwaukee County Automated Mapping and Land Information System Steering Committee (hereinafter referred to as the "Steering Committee").

WITNESSETH:

WHEREAS, by Resolution No. 88-379, the Milwaukee County Board of Supervisors requested the Southeastern Wisconsin Regional Planning Commission to conduct a feasibility study pertaining to an automated mapping and land information system; and

WHEREAS, the requested feasibility study was completed and documented in SEWRPC Community Assistance Planning Report No. 177, Feasibility Study for a Milwaukee County Automated Mapping and Land Information System, published in October 1989; and

WHEREAS, by resolution adopted on November 8, 1990, the Milwaukee County Board of Supervisors, working in cooperation with the utilities concerned, created a public-private partnership to implement the proposed Milwaukee County automated mapping and land information system, including creation of a Steering Committee to provide oversight in the implementation of the system recommended in SEWRPC Community Assistance Planning Report No. 127; and

WHEREAS, the aforereferenced Milwaukee County resolution adopted on November 8, 1990, further authorized the execution of a Cooperative Agreement between Milwaukee County and the public and private utilities serving Milwaukee County, whereby the County and such utilities agreed to jointly fund the development of the Milwaukee County automated mapping and land information system), such Agreement delegating to the aforereferenced Steering Committee full responsibility for all policy matters relating to the conduct of the work program, including proposed contracts and specifications and the selection of contractors; and

WHEREAS, the Steering Committee on September 14, 2004, formally authorized the County to accept the responsibilities of Project Manager for the implementation of the recommended automated mapping and land information system;

NOW, THEREFORE, in consideration of the mutual promises of each agency made to the other, the fulfillment of the terms and conditions, agreements, and understandings hereinafter set forth,

I. Scope of Work

In general, the County agrees to perform all of the tasks specified herein. Other tasks to be completed by the County not covered herein will be carried out under separate agreements.

The County will provide the professional staff services, including the services of a Project Manager, necessary to manage the Milwaukee County automated mapping and land information system projects throughout the duration of this agreement, and beyond subject to amendment of this agreement. This responsibility includes the identification and recommendation of work projects to be carried out under the MCAMLIS program. The preparation and submittal of grant applications to the Wisconsin Land Information Board on behalf of the MCAMLIS Steering Committee, the fiscal management of MCAMLIS projects, and the quality control of end products produced under MCAMLIS contracts and subcontracts. The County will serve as staff to the Steering Committee in the preparation for and the carrying out of its meetings.

The County agrees to perform day-to-day operations services attendant to the Milwaukee County automated mapping and land information system until the end of the period specified in this

contract. This will include housing and maintenance of the MCAMLIS produced end products, update of cadastral and street address databases, handling requests for the distribution of MCAMLIS produced products as approved by the Steering Committee, and researching and implementing hardware and software data transfer protocols and standards. Additionally, the County will supply routine maintenance as required in the housing of MCAMLIS data, and continue to integrate new materials created under MCAMLIS projects as they become available.

In addition to the services described above, the County will be responsible for developing and managing any and all sub-contacts to qualified engineering firms participating in the conduct of MCAMLIS mapping projects. Furthermore, the MCAMLIS Project Manager as an employee of the County will serve as liaison to the MCAMLIS attorney related to the development of the MCAMLIS data sharing policy, and in matters pertaining to the copyright of MCAMLIS derived products.

II. Timing

All services to be performed under this Agreement shall be carried out over the period beginning January 1, 2006, and ending on December 31, 2006.

III. Compensation to County

The Steering Committee shall pay to the County the following amounts for those services described above:

SERVICES PROVIDED	AMOUNT
Project Management and Related Operating Services (DPPI)	\$202,500
MCAMLIS Cadastral and Street Address Database Maintenance (ROD)	\$ 77,500
Total	\$280,000

IV. Method of Compensation

Compensation is to be provided to the Department of Parks and Public Infrastructure (DPPI) and the Register of Deeds (ROD) for services performed through the County MCAMLIS Program Org. 1923. DPPI and ROD will request on a quarterly (March 31, June 30, September 30, December 31) basis reimbursement for said services provided. The Milwaukee County Department of Administration (DAS) will administer all journal vouchers as deemed necessary to Orgs. 5081 and 3430 for those services that they provided during the course of carrying out its responsibilities.

If, during the course of carrying out the work elements identified herein, additional unanticipated work efforts not identified in the scope of work contained herein become necessary for successful project completion in the judgment of the County or in the judgment of the Steering Committee, then it is agreed that the County can request an amendment to the scope of work, with an attendant increase in the maximum amount payable to the County under this Agreement. Such an amendment would require the approval of both the County and the Steering Committee before becoming effective.

V. Support and Materials to be Provided by Others

It is assumed that the members of the Steering Committee, on behalf of their respective public agencies and private utilities, agree to make available without charge to the County all existing digital and hardcopy maps, documents, reports, legal records, and related materials deemed by, the County to be needed to carry out its responsibilities under this Agreement. If this assumed level of cooperation does not materialize, then it is agreed that the County may, at its discretion, request payment from the Steering Committee for these costs above and beyond the total amount set forth in Section III of this Agreement.

VI. Ownership of Data

The County agrees not to release such data to others without the prior consent of the Steering Committee. At the end of the Agreement, the County agrees to turn over to a designated MCAMLIS Project Manager all materials and computer hardware and software acquired and/or developed as a part of this Agreement.

VII. Subcontracts

The County and Steering Committee agree that it may be desirable to perform certain of the tasks associated with work projects conducted during the life of this Agreement through subcontracts with qualified firms. In addition, it is envisioned that subcontracts may be required for the acquisition of computer hardware and software and communication devices. The County agrees to bring any such subcontracts to the Steering Committee for its approval prior to execution.

VII. Indemnity

Except for acts done or taken at the direction of or pursuant to the Steering Committee policy or procedures, the County agrees to the fullest extent permitted by law, to indemnify, defend and hold harmless, the Steering Committee, and its agents, officers and employees, from and against all loss or expense including costs and attorney's fees by reason of statutory benefits under Worker Compensation Laws, and/or liability for damages including suits at law or in equity, caused by any wrongful, intentional, or negligent act or omission of the County, or it's (their) agents which, may arise out of or are connected with the activities covered by this agreement.

IX. Insurance

The County, as an agency of the state, is self-funded for liability (both public and property) under Section 893.82 and Section 895.46 (1) of the Statutes. As a result, such protection as is afforded under respective Wisconsin Statutes, is applicable to officers, employees, and agents while acting within the scope of their employment or agency. Since this is statutory indemnification, there is no liability policy as such that can extend protection to any other.

X. Authorization

The Steering Committee approved the execution of this Agreement by action taken on September 14, 2004.

IN WITNESS WHEREOF, This Agreement executed the date and year first above written.

FOR: MILWAUKEE COUNTY

FOR: MILWAUKEE COUNTY
AUTOMATED MAPPING AND LAND
INFORMATION SYSTEM STEER
COMMITTEE

David G. Wilson, Acting Director Date
Department of Parks and Public Infrastructure

Kurt W. Bauer, Chairman Date

WITNESSED BY:

WITNESSED BY:

Date

Date

APPROVED AS TO FORM BY
CORPORATION COUNSEL

Bill Domina Date
Corporation Counsel

REVIEWED AS TO INSURANCE REQUIREMENTS

John R. Rath Date
Risk Manager

APPROVED WITH REGARDS TO COUNTY ORDINANCE CHAPTER 42

Freida Webb, Director Date
Disadvantaged Business Development

AGREEMENT

THIS AGREEMENT, entered into this ____ day of _____, 2005, by and between the Southeastern Wisconsin Regional Planning Commission (hereinafter referred to as the "Commission"); and the Milwaukee County Automated Mapping and Land Information System Steering Committee (hereinafter referred to as the "Steering Committee").

WITNESSETH:

WHEREAS, under Section 59.74 of the Wisconsin Statutes, the Commission serves as the County Surveyor for Milwaukee County; and

WHEREAS, under the requirements of this legislation, the Commission is responsible for receiving, indexing, and filing as a public record, a copy of each land survey plat prepared by a land surveyor; and

WHEREAS, under the further requirements of this legislation, the Commission is also made responsible for the perpetuation of the corners of the U.S. Public Land Survey which may be subject to destruction, removal, or burial through construction or other activities and for maintaining a record of the surveys for such perpetuation; and

WHEREAS, the activities of the Milwaukee County Surveyor are essential to the development and maintenance of the Milwaukee County Automated Mapping and Land Information System (MCAMLIS); and

WHEREAS, the Milwaukee County Board of Supervisors has determined that the expenses associated with the Milwaukee County surveyor function should be paid from the annual operating budget of the MCAMLIS project; and

WHEREAS, Sections 66.0309 (12)(b) and 66.0301 of the Wisconsin Statutes authorize the Commission to enter into contracts with local units of government and their agents to make and implement studies and plans and to otherwise provide advice and services.

NOW, THEREFORE, in consideration of these premises and of their mutual and dependent promises and agreements, the parties hereto contract and agree as follows:

I. Scope of Work

The Commission will provide the professional staff services as necessary to act in the capacity of County Surveyor for Milwaukee County pursuant to the provisions of Section 59.635 of the Wisconsin Statutes. More specifically, under this agreement, the Commission, acting in the capacity of the Milwaukee County Surveyor, will perform the following functions:

- A. Record and maintain a file of all land survey plats prepared by land surveyors for parcels in Milwaukee County. An estimated 2,000 such land surveys are prepared and filed annually. Such surveys are essential to the maintenance effort required to keep the MCAMLIS cadastral maps up-to-date.

- B. Perpetuate the corners of the U.S. Public Land Survey system throughout Milwaukee County. Such corners frequently are subject to destruction, removal, and burial through construction or other activities. The perpetuation work includes periodic inspection of the system of approximately 2,200 monuments and attendant reference benchmarks, the removal and/or replacement of such monuments and reference benchmarks either directly or through the supervision of others conducting such activities, and undertaking both horizontal and vertical control surveys to ensure the integrity of the reference framework that is critical to the automated mapping base established for Milwaukee County. An estimated 100 monuments and benchmarks are serviced annually.
- C. Provide guidance and counsel to the Milwaukee County Automated Mapping and Land Information System Steering Committee through service on that committee.
- D. Provide technical support and guidance to the staff assigned to develop and maintain the Milwaukee County automated mapping and land information system program.

II. Commission to Organize and Store Information Acquired by County Surveyor

In order to facilitate convenient use of the land survey records concerned by land surveyors, abstractors, assessors, appraisers, attorneys, engineers and other interested parties, the Commission agrees to maintain an orderly filing and retrieval capability for the land surveys and to cross reference all files of surveys under five headings. The five reference headings are:

- A. Numerically by U.S. Public Land survey township, range, section, quarter section, and record of survey.
- B. Alphabetically by minor civil division (city or village).
- C. Alphabetically by the property owner or client for whom the survey was completed.
- D. Alphabetically by the name of the land surveyor employed by the property owner or client.
- E. Chronologically by the date of the survey.

The Commission further agrees to maintain in an orderly manner, records of individual U.S. Public Land Survey Corners (dossier sheets), and records (control survey summary diagrams) of horizontal and vertical control surveys that have been run over the U.S. Public Land survey corners.

III. Commission to Act as Custodian for all Milwaukee County Surveyor Records

The Commission agrees to maintain for inspection and copying as public documents, all records associated with its functions as the Milwaukee County Surveyor. The Commission further agrees on a quarterly basis to transmit updated copies of the five lists

identified in paragraph 2 above. These updated lists shall be provided to the Milwaukee County Director of Public Works, the Milwaukee County Register of Deeds, selected city and village engineers within the County, and all land surveyors who have submitted records of surveys to the Commission for indexing and filing.

IV. Steering Committee to Receive Copies of Records

The Commission shall furnish to the Steering Committee, as necessary for the pursuit of its responsibilities, copies of the records created and maintained by the Milwaukee County Surveyor.

V. Compensation

The Steering Committee through Milwaukee County shall pay to the Commission the sum of \$77,175 as full payment for the services described herein.

VI. Method of Compensation

The Commission shall submit a single invoice in the amount of \$77,175 to Milwaukee County. The County, on behalf of the Steering Committee, shall pay to the Commission the amount shown on the invoice upon receipt of said invoice.

VII. Timing

The work to be performed under this Agreement shall be carried out over the period from January 1, 2006, through December 31, 2006.

VIII. Indemnity

Except for acts done or taken at the direction of or pursuant to the Steering Committee policy or procedures, the Commission agrees to the fullest extent permitted by law, to indemnify, defend and hold harmless, the Steering Committee, and its agents, officers, and employees from and against all loss or expense including costs and attorney's fees by reason of statutory benefits under Worker Compensation Laws, and/or liability for damages including suits at law or in equity, caused by any wrongful, intentional, or negligent act or omission of the Commission, or its agents which may arise out of or are connected with the activities covered by this agreement.

IX. Insurance

The Commission, as an agency of the State, is self-funded for liability under Section 893.82 and Section 895.46(1) of the Statutes. As a result, such protection as is afforded under respective Wisconsin Statutes, is applicable to officers, employees, and agents while acting within the scope of their employment or agency. Since this is statutory indemnification, there is no liability policy as such that can extend protection to any other.

X. Records and Audits

The Commission shall allow Milwaukee County, the Milwaukee County Department of Audit, or any other party that Milwaukee County may name, when and as they demand, to audit, examine, and make copies of, excerpts or transcripts from, any records or other information directly relating to matters under this agreement. Any subcontracting by the Commission in performing the duties described under this contract shall subject the subcontractor and/or associates to the same audit terms and conditions as the

Commission. The Commission (or any subcontractor) shall maintain and make available to Milwaukee County the aforementioned audit information for no less than three years after the conclusion of each contract term.

XI. Independent Contractor

Nothing contained in the Agreement shall constitute or be construed to create a partnership or joint venture between Milwaukee County or its successors or assigns; the Steering Committee or its successors or assigns; and the Commission or its successors or assigns. In entering into this Agreement, and in acting in compliance herewith, the Commission is at all times acting and performing as an independent contractor, duly authorized to perform the acts required of it hereunder.

XII. Authorization

The Steering Committee approved the execution of this Agreement by action taken on November 1, 2005.

IN WITNESS WHEREOF, the Commission and the Steering Committee have executed this Agreement, as of the date first above written.

ATTESTING WITNESS

By _____
Philip C. Evenson
Deputy Secretary

**SOUTHEASTERN WISCONSIN
REGIONAL PLANNING COMMISSION**

By _____
Thomas H. Buestrin
Chairman

ATTESTING WITNESS

By _____
Kevin R. White
Project Manager

**MILWAUKEE COUNTY AUTOMATED
MAPPING AND LAND INFORMATION
SYSTEM STEERING COMMITTEE**

By _____
Kurt W. Bauer
Chairman

APPROVED AS TO FORM

By _____
William J. Domina (Date)
Milwaukee County Corporation Counsel

**REVIEWED AS TO
INDEMNIFICATION AND INSURANCE**

By _____
John R. Rath (Date)
Milwaukee County Department of Risk Management

**APPROVED AS TO CHAPTER 42
DBE PROVISIONS**

Frieda F. Webb (Date)
Milwaukee County DBD Director

PICTOMETRY INTERNATIONAL CORP.

PROPOSAL FOR IMAGING OF MILWAUKEE COUNTY

Deliverables

Pictometry will license images and software to Milwaukee County as provided herein.

A License Agreement is for a term of two (2) years with an annual license fee.

The standard Image Library is captured every two years.

Images

Community Images:

1152 Ortho-rectified – Approximately 4 for each sector with 1 foot pixel resolution

1152 Oblique – Approximately 4 for each sector. 2 each from opposing directions

Neighborhood Images:

9216 Ortho-rectified – Approximately 32 for each sector with 6 inch pixel resolution

18,432 Oblique – Approximately 64 images for each of the 288 estimated sectors to be selected by county

These will provide views from four perpendicular directions.

Mosaiced Sector Tiles:

288 Ortho-rectified sector tiles – Approximately 1 each, at one meter pixel resolution, for the full coverage area.

Annual License Fee

Community Images (Oblique)

List price \$ 70 per sector per year

Less Discount (40%) \$ 28

\$ 42 per sector per year @ 288 sectors = \$ 12,096 per year

Community Images (Orthogonal)

No Additional Charge

Neighborhood Images (Oblique)

List Price \$380 per sector per year

Less Discount (40%) \$152

\$228 per sector per year @ 288 sectors = \$ 65,664 per year

Neighborhood Images (Orthogonal)

No Additional Charge

Mosaiced Sector Tiles:

No Additional Charge

Total Annual License Fee =

\$ 77,760 per year.

First Year

Annual Image License Fee \$ 77,760

Second Year

Annual Image License Fee \$ 77,760

Two Year Total \$ 155,520

Additional Options:

- Option 1: 9-1-1 Integration - \$750/seat - up to \$5000 cap for a PSAP with unlimited seats - Cap of \$15K for all PSAPs in the County. This is a one time charge.
- Option 2: ArcIMS Integration - \$595/Server - Price includes software, scripts and 1 additional hour of support. Customer must also sign a Thin Client Deployment Agreement. This is a one time charge per contract term.
- Option 3: Image Library Compression - \$2,500 for up to the first 50,000 images.
- Option 4: Change Analysis Module - \$1000/seat (minus 25% discount) = \$750/seat - up to a "department" cap of \$5000 for unlimited seats within the department - Cap of \$15K covers all seats in all departments of the county.
- Option 5: Private Utility Pricing - \$5,000 plus 20% of Licensee's annual fee/year/utility

Authorized Users:

Any County employee or department is authorized to use Licensed Products for County business only. In addition, any employees or departments of the cities, towns, and villages within the County may, with the County's permission, use Licensed Products for official use only.

General Notes:

- The License Agreement covers a period of two years.
- The prices in this proposal are effective for a period of six months.
- These prices include installation and initial training
- Once licensed the standard library will be captured every two years and these Image prices are then guaranteed for one additional shoot after which there will be no more than a 10% increase per year.
- The Client Image Warehouse and Electronic Field Study will be installed on a County hard drive.
- This description is for proposal purposes only and is not a contract. The specific terms and conditions pertaining to the usage of the images and software are contained in the standard License Agreement, which will be executed by the County and Pictometry International.



Department of Administration
Information and Technology
Management Division

October 19, 2005

Tom Barrett
Mayor

Sharon Robinson
Administration Director

Randolf A. Gschwind
Chief Information Officer

To: MCAMLIS Board Members
From: City of Milwaukee, Nancy A. Olson
Regarding: Maintenance on City of Milwaukee Maps

At the August 26, 1999 meeting of the Milwaukee County Automated Mapping and Land Information System (MCAMLIS) board, board members approved the first of several projects to bring City of Milwaukee map files into compliance with MCAMLIS standards. Since that time several additional agenda items regarding City of Milwaukee map maintenance have come before the board for discussion.

Beginning on July 22, 2003, the City Of Milwaukee GIS Manager held a series of discovery meetings to determine whether the MCAMLIS-funded position in the Milwaukee County Register of Deeds office, which maintains maps of county suburbs, could perform the same function for City maps. Meeting participants included City of Milwaukee representatives Mary Reavy (City Assessor), David Fortney (Assessment Systems Analyst), Nancy A. Olson (GIS Manager) and Milwaukee County representatives John LaFave (County Register of Deeds), Carla Rice (Tax Listing Supervisor), and Kathy Bach (GIS Technician). At the conclusion of these meetings the group determined that maintenance of the City of Milwaukee cadastral files could not be conducted at Milwaukee County offices because the City performs the tax listing function. At that time, the Register of Deeds also indicated that his office would need to add multiple positions to accomplish the tax listing function for the City and that, given available budgets, the likelihood of obtaining additional positions was remote.

Since no other suitable solution for City of Milwaukee map maintenance has subsequently been proposed, I recommend that the MCAMLIS board fund a position at the City of Milwaukee to perform this function. The duties of this position would be as follows:

- Develop and implement, with Milwaukee County, a shared parcel, street and address base.
- Using the GIS system, create and maintain computer graphic files necessary for parcel maintenance activities such as processing land combinations and land divisions, taxkey assignments, and other elements found on the cadastral files.

- Using the GIS system, create and maintain computer graphic files necessary for street and address maintenance activities such as processing changes and additions.
- Utilize and interpret source data from the Assessor's Office and the Department of Public Works, Infrastructure Services Division for the accurate maintenance of base maps using the GIS system.
- Run queries and process requests for data.
- Provide output data in various different forms for records requests.
- Interact with public and internal customers and determine their geographic information needs.
- Participate in the MCAMLIS meetings.

The position would report to the Enterprise Information Manager in the Department of Administration – Information and Technology Management Division. Required funding, including fringe benefits, would total \$67,115. I look forward to discussing this proposal with you and a decision on this issue from the MCAMLIS board that will allow the City of Milwaukee to begin the hiring process.

Sincerely,

Nancy A. Olson
Enterprise Information Manager
City of Milwaukee